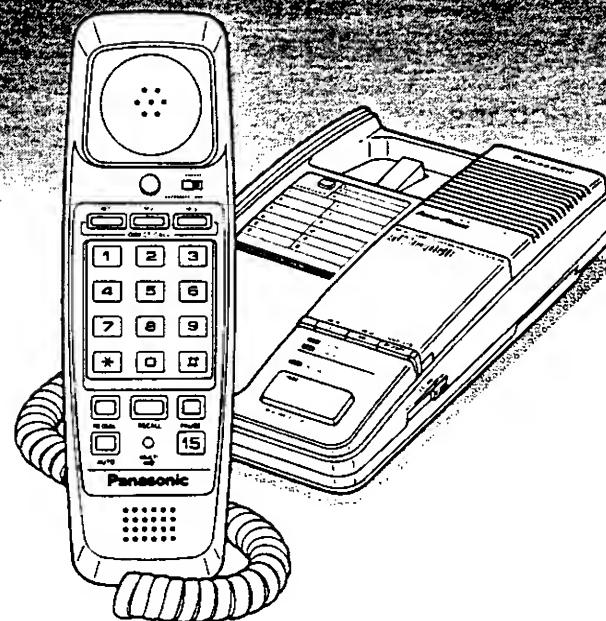


AUTO-LOGIC

Operating Instructions

MODEL NO.

KX-T2386BA

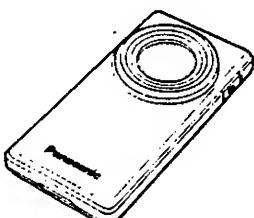


EASA-PHONE

INTEGRATED TELEPHONE SYSTEM
WITH
A SINGLE MICRO CASSETTE

Panasonic

Please read before use.



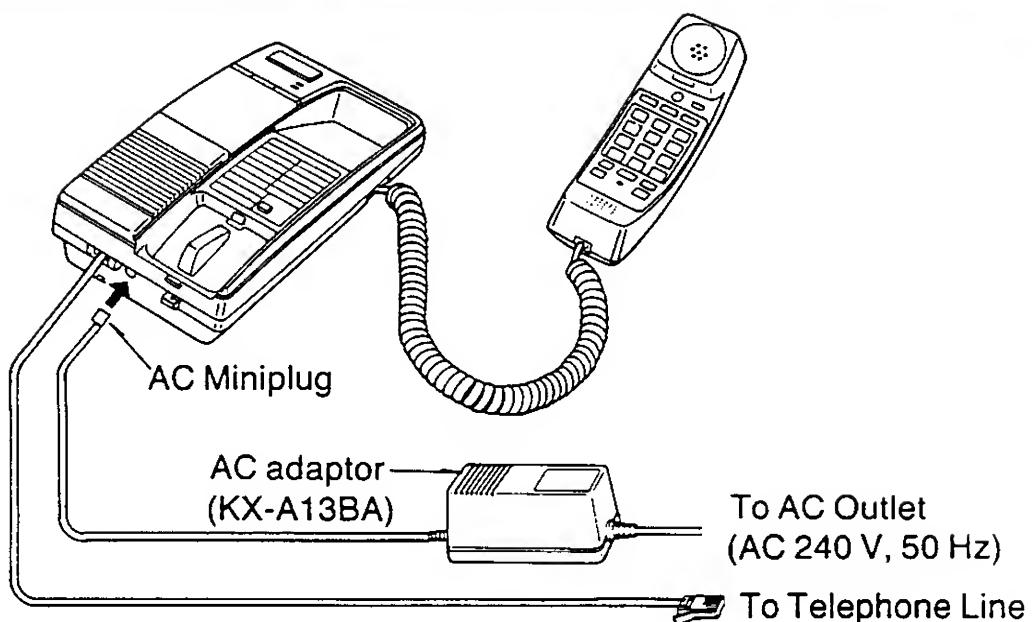
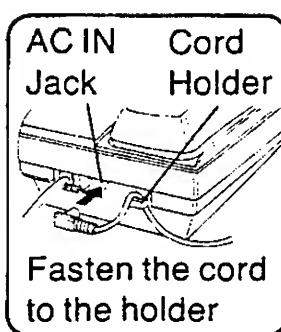
OPTIONAL BEEPER

Thank you for purchasing the Panasonic Telephone Answering System.

Contents

Connection	1
Location of Controls	3
Preparation	4
Indicators	5
 TELEPHONE	
Manual Dialing and Receiving	5
Automatic Dialing	6
Storing and Dialing	7
Facilitate the PABX Functions	8
 ANSWERING MACHINE	
How to Record Outgoing Message (OGM)	9
Prior to Leaving	10
After Returning Home	11
How to Operate from Remote Phone	12
Wall Mounting	15
Tones Heard from the Unit	16
Samples of OGM	16
Troubleshooting Guide	17
Cassette Tape	18
Others	18
Maintenance	18

Connection



※Fasten the AC Adaptor cord to the Holder, to prevent the AC Miniplug from disconnecting.

- This unit is designed to be connected as shown above.
- The AC adaptor supplies the unit with operation power.
- Do not use any AC adaptor other than the Panasonic Model KX-A13BA.
- While operating the unit, the cabinet may feel warm, this is a normal conditions.

Be sure to use the AC adaptor. If a power failure takes place, the unit can be used as a typical telephone.

'WARNING

The users are advised to immediatery disconnect the equipment should it ever suffer physical damage which results in the internal parts becoming accessible in normal use.

In this instance the users should have the equipment repaired or disposed of.'

Location of Controls

Direct Call Buttons

Redial Button

Auto Button

Time Break Recall Button

Pause Button

OGM Button and Indicator

Earth Recall Button

Memory Card

You can also use the reverse side for writing. The instructions for storing numbers into memory station and automatic dialing are printed on this card.

Microphone

Vox Sensitivity Switch

Ring Selector

Ringer Selector

Volume Control

Answer System On/Off Switch

Rewind Button

Memo Button

Playback/Pause Button

Remote Code

(found on the bottom of the unit)

Enclosures

AC Adaptor (KX-A13BA)	1
Cassette Tape	1
Hardware	1 pack
Wall Mounting Adaptor	1

Vox Sensitivity Switch

If either

A: The tape continues to run after a caller has replaced his handset:

or

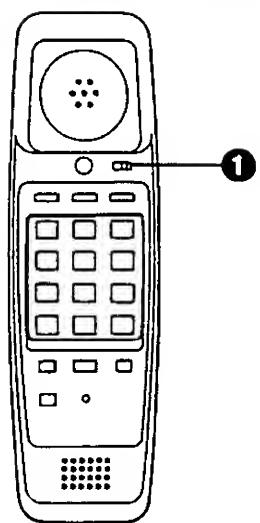
B: There are long pauses between or after messages:

then set the switch to "L".

(Note: Normally the switch is preset to the "H" position.)

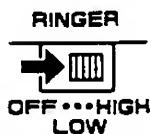
Preparation

- ① Set to "SET".



- ② Set to "HIGH".

LOW: The ringing sound will be low.
OFF: The telephone will not ring.



- ③ Open the panel.

Insert the micro cassette tape.
For the best results, use MC-30.

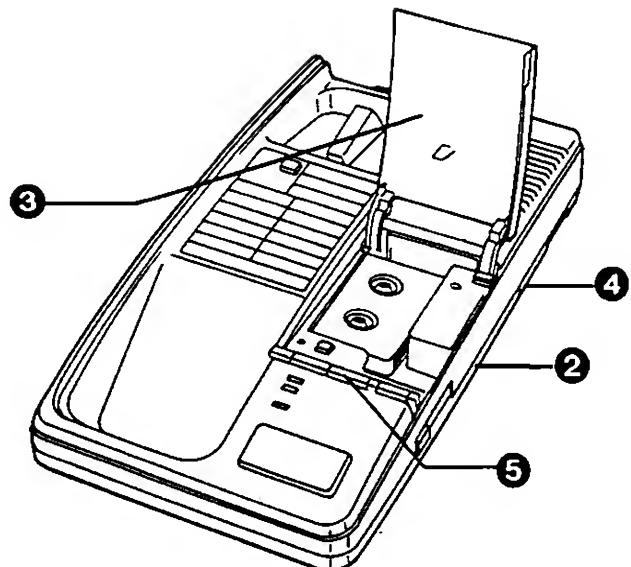
- ④ Select the Ring Selector.

3: The unit answers on the third ring.

5: The unit answers on the fifth ring.

LONG: When the unit is used on an extension of PMBX which uses manual ringing, set to "LONG". The unit answers on the first ring.

- ⑤ To reset the tape, push the Rewind button until In Use indicator goes out.



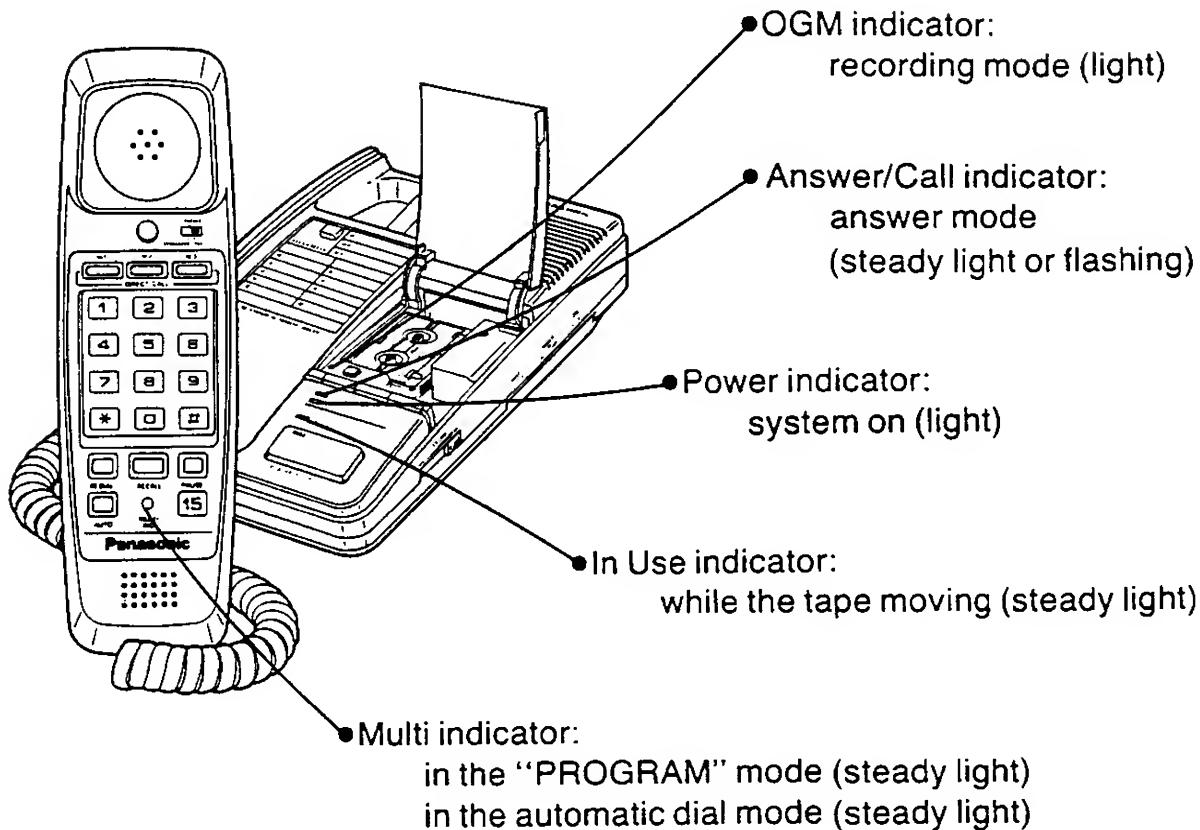
For the Easy Operation;

If you change the cassette tape, re-record your new OGM then play back the OGM to confirm that your new OGM is recorded properly.
OGM should be recorded by the KX-T2386BA.

Use side 2 of the cassette tape after six months and replace the tape every year.
See page 18.

Indicators

The Indicators inform you of the following functions:



Manual Dialing and Receiving

Dialing

1 Lift the handset and identify dialing tone.

2 the phone numbers to be dialed.

3 When you finish the conversation, hang up .

Receiving

Lift and talk.

Redialing

1 If busy, hang up .

2 Lift and Push.

- The last dialed number can be redialed once by pushing the Redial button.

Automatic Dialing

- 12 telephone numbers, up to 30 digits each, can be stored into the memory stations.
 - 3 telephone numbers, up to 30 digits each, can be stored in the Direct Call buttons.
- Each Dialing button serves as a memory station.

Storage

1 Set to "PROGRAM".



• The Multi Indicator will light.

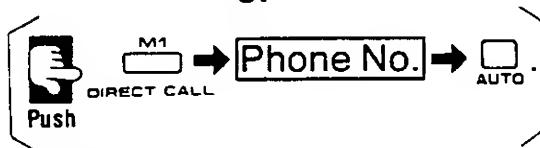
2 ■ Home Use



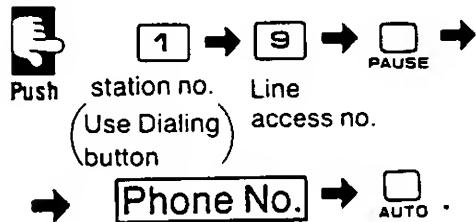
Push station no.
(Use Dialing)
button

• Phone numbers can be stored into memory stations [1] to [#] by following the same procedure.

or



■ Office Use (PABX)



• Or, you may use the M1 instead of the station button.



3 After storing return to "SET".

- Do not press the hook switch or place the handset back into the cradle while in the programming mode. If this happens, return the Memory Switch to "SET" then to "PROGRAM". And reprogramming must be done.

Dialing

1 Lift and identify dialing tone.



(Use Dialing)
button



3 When you finish, hang up.

■ Even while storing, you may receive a call by setting the Memory Switch to "SET". Programming is cancelled and the station must be reprogrammed.

■ Don't disconnect AC adaptor and telephone cords for over 3 minutes, or the stored phone numbers may be lost and reprogramming will be required.

Storing and Dialing

Set the Memory Switch to "PROGRAM".

Correcting an Error while Storing

If you notice an error before pressing the Auto Button.

- 1 Return to "SET".



- 2 Repeat from Step 1 of "Storage" on page 6 to reprogram.
 - The previously stored number is cleared and the new entry is stored.

Erasing a Stored Number

Example:

To erase the number in the memory station [2].

- 1 Set to "PROGRAM".



- 2 .
Push station no.
(Use Dialing button)

- 3 Return to "SET".



Changing a Stored Number

- 1 Erase the stored number using the erase procedure.

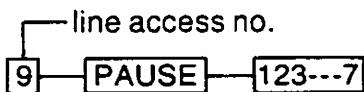
- 2 Enter a new phone number using the storage procedure on page 6.

Pause Usage

Pause usage in a dial sequence is needed to gain access to an outside line.

- Especially in manual dialing, a pause is required for the redialing.

To wait for a dial tone (PABX)



One pause is required.

Combination Dialing

Any combination dialing can be done.

- Automatic and manual dialing
- Plural memory stations

Facilitate the PABX Functions

When this telephone is used as an extension on a PABX, the Time Break Recall and Earth Recall buttons act as a hook switch to facilitate the PABX functions such as transfer, recall and hold.

- Use either Time Break Recall or Earth Recall button properly depending on PABX type.

Time Break Recall button...for PABX timed break register recall facility
Earth Recall button...for PABX earth recall facility

- The memory stations can store a time break recall signal, however it is not possible to memorize an earth recall signal.

Example: Transferring

The number to which the call is transferred 1234 into the memory station 3.

Storage

- 1 Set to "PROGRAM".



- 2 Push



station no.
(Use Dialing
button)



Phone no.
1 ... 4



- 3 Return to "SET".



Transfer

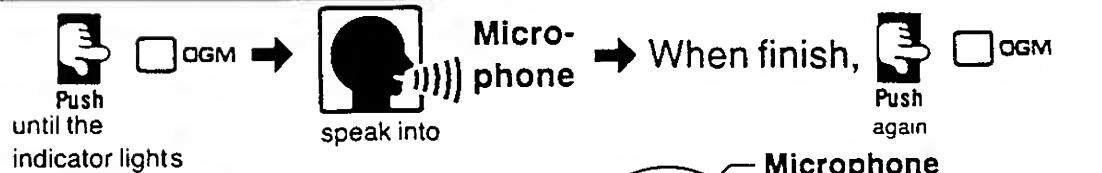
- 1 While having a conversation,



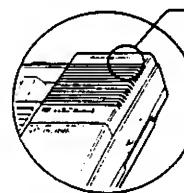
- 2 Hang up after the other party to whom the call is transferred answers.

How to Record Outgoing Message (OGM)

RECORDING (Re-recording)



CONFIRMING



Microphone
Speak loudly and close to the MIC, to reduce background noise.

The purpose of the Outgoing Message is to inform the calling party that you cannot answer, but want to record the caller's message.

Recording

- 1 Push the OGM Button until the OGM indicator lights.
 - A series of short beeps will sound followed by a long beep.
- 2 Speak clearly, loudly and directly to the microphone for up to 30 seconds.
 - While recording, do not pause for over 2 seconds. If 6 beeps sound, wait until the In Use indicator goes out, then start with step 1 again.
- 3 Push the OGM Button when you finish.
 - Wait until the tape stops.

Sample of OGM:

Hello, this is (the Panasonic Company). We can't answer your call at this moment. Please leave your name and number and we will return your call. **You have up two and a half minutes to leave your message after the series of tones.** Thank you for calling.

Confirming

Push the OGM Button quickly.

- If you hold the button too long, the unit will go into the recording mode.
- The unit will rewind and play back.
- Adjust the Volume Control.

Re-recording

Start again at step 1.

- The new message will be recorded and the previous one will be erased.

- More samples of an Outgoing Message can be found on page 16.

- Please record the Bold-faced sentence in your OGM.
- Caller's recording time is up to 150 seconds.
- A series of short beeps lasts, while the tape is preparing for the recording.
- A long beep following the short beeps means the tape is ready.

- The unit automatically sets itself on Answer mode after 10 seconds from completing the OGM recording or playback.
- If you record the OGM at a distance, unwanted noises may be heard. If this happens re-record the OGM by speaking closer to the MIC.

Prior to Leaving

ANSWERING & RECORDING



ANS SYS
ON/OFF

To turn on the power (power light on)

- The Answer/Call indicator will light after 10 seconds.

MESSAGE MEMO



MEMO



Micro-
phone



MEMO

to finish

Automatic Answering and Recording

One touch on the Answer System On/Off Switch enables the unit to answer calls.

- When the telephone rings, the unit will play the outgoing message, then it will record the caller's message.
- The Answer/Call indicator will flash and show the number of recorded incoming messages. Although, the flashing is limited up to 15 times in a group, more messages can be recorded.
- In case of a power failure, the Answer/Call indicator will flash slowly after the power is restored.

If you do not want to set the unit to the Answer mode, turn the Answer System On/Off Switch off.

Message Memo

To record a confidential message, any time at home, on the ICM part of the tape to be heard by someone using the unit.

- Confirm that the Answer indicator lights or flashes.
- Push the Memo Button until a beep sounds, followed by a series of short beeps then a long beep will be heard.
- Speak for up to 150 seconds.
- Push the Memo Button, when you finish.
 - The unit will be ready to answer the next call.

To Monitor Calls

Adjust the Volume Control.

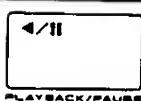
To Speak Directly

Lift the handset while answering (or recording) calls.

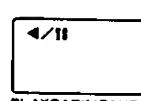
- The tape will stop moving.
- If you lift another handset connected to the KX-T2386BA, the tape will not stop.

After Returning Home

TO LISTEN TO MESSAGES



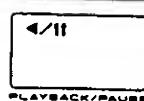
- To stop the tape temporarily (pause),



- To rewind the tape,



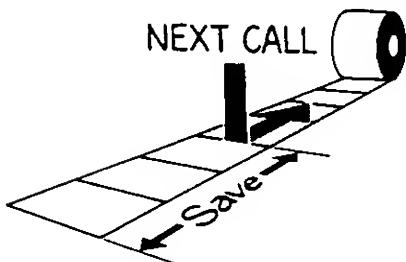
TO SAVE MESSAGES AFTER PLAYBACK



and



(simultaneously)



- To record new messages from the beginning of the ICM part of the tape during playback, push the Rewind Button until the In Use indicator goes out.

To Save Messages

The previously recorded messages may be saved.

- 1 Push the Playback/Pause Button.
**Auto-Logic
(One Touch Operation)**
 - One touch on the playback button allows the unit to play back and sound 3 beeps after the last message. Then 10 seconds later, the unit will rewind and be ready to record new messages from the beginning of the ICM part of the tape (Reset mode).
 - While in the pause mode, the unit will not automatically change to the answer mode. To change to the answer mode, push the Pause Button.
 - If you receive a call while playing back, push the Pause Button then lift the handset.
 - To listen to the message again during playback, push the Rewind Button. The unit will start playing back immediately when you release the button.

- 2 Push the Playback/Pause Button and the Rewind button simultaneously.
 - The unit will rewind the tape after 2 seconds and will be ready to answer and record future incoming messages after the message that you have saved.

Listening to the ICM after Reset

1. Push the playback button.
 - You hear the 3 beeps.
2. Push the playback button again.

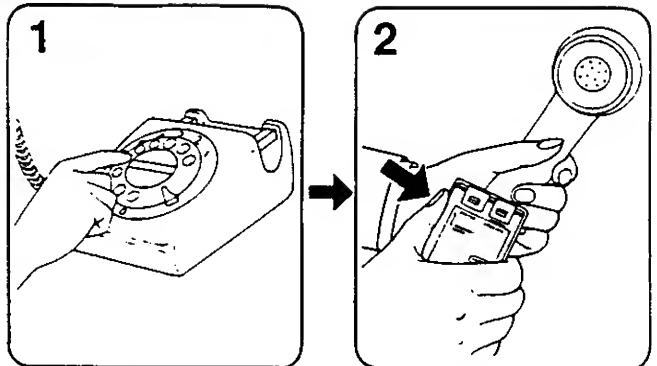
How to Operate from Remote Phone

■ Optional Pickup Remote Controller (KX-A56A)

You can listen to the recorded messages and control the unit from a remote location using a optional "Pickup Remote Controller" KX-A56A.

- The Pickup Remote Controller produces a chirping sound in operation, and the answering machine responds to the Controller with a beep.
- Push the buttons on the Controller continuously, until the beep is heard through the telephone line from the answering machine.

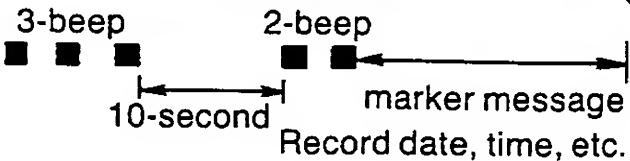
Playback Messages



- 1 Dial the telephone number.
- 2 While the Outgoing Message is playing, place the Controller's speaker against the telephone mouthpiece and push the **Play Back Button**. (The beep will be heard then the outgoing messages will be stopped.)
 - The machine will play back from the beginning of the recorded messages. However, the tape will be stopped after 2 minutes 40 seconds from the pushing the Play Back Button, then 2 beeps will sound.
 - To hear further messages, push the **Continue Button** within 10 seconds of this 2 beeps.
 - After all the recorded messages have been played back, 3 beeps will sound then future incoming messages will be recorded after the last recorded message.

How to Operate from Remote Phone (cont.)

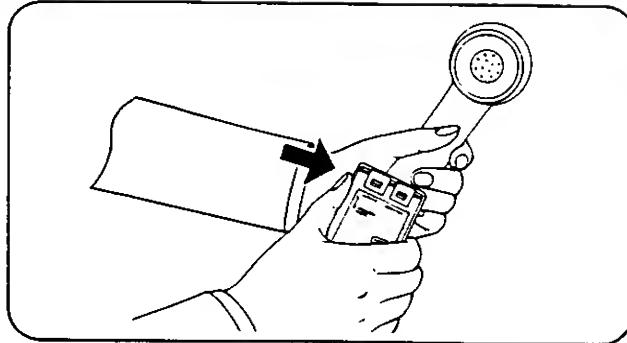
How to Record a Marker Message on the ICM Tape



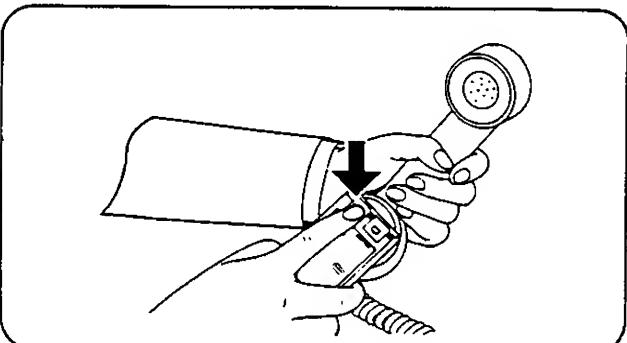
After all the recorded messages have been played back, 3 beeps will sound. 10 seconds later, 2 beeps will sound.

- 1 Start to talk right after the last 2 beeps.
- 2 When you finished, hang up.
 - If the beep sounds 6 times after all messages have been played back, you cannot record a marker message because the ICM tape has come near to the end.

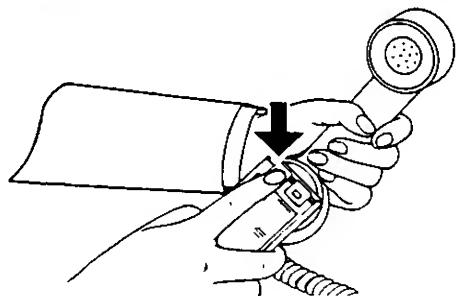
How to Record Future Incoming Messages from the Beginning of the Tape



- 1 Push the **Reset Button** within 8 seconds after all the recorded messages played back or while the recorded messages are playing back.
 - The unit will rewind to the beginning of the tape and then one beep will sound.
- 2 Hang up the telephone.
 - Future incoming messages will be recorded from the beginning of the tape.
 - If you push the Reset Button by mistake, push the **Review Button** within 8 seconds of one beep to establish the playback mode.



How to Repeat Messages

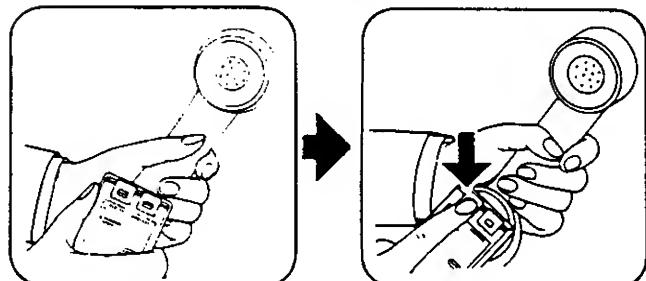


To hear the message again during above playback, push the **Review Button**.

- The tape will rewind for approximately 15 seconds corresponding to playback time.
- To rewind further, push and hold the **Review Button**.

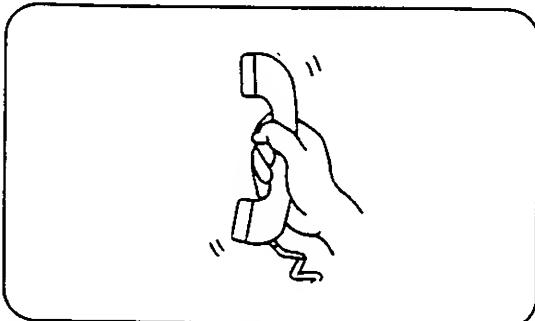
- **To play back the tape from the beginning, push the Reset Button, so the tape will be rewound to the beginning of the tape and one beep will sound.**

Push the **Review Button** within 8 seconds of the beep.



NOTE

- If there is no response from the answering machine to your remote controller's command, the telephone might be equipped with a carbon microphone. For the improvement of the performance, please shake the handset to loosen carbon particles.



- When you use Pickup Remote Controller, place the Remote Controller's speaker against the telephone mouthpiece leaving about a quarter inch of clearance and push the buttons.

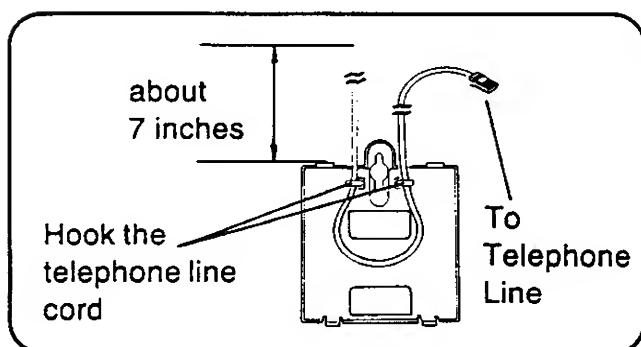
Wall Mounting

The unit can be mounted on the wall utilizing the screws provided.

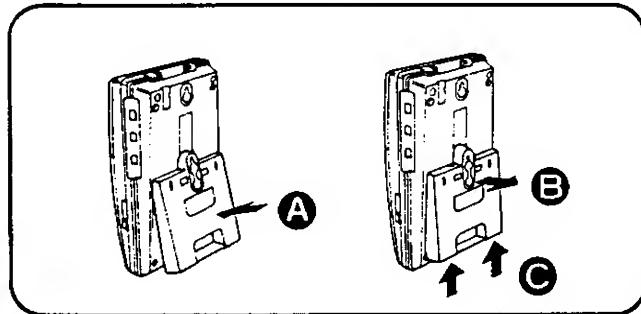
1 Mark two points on the wall at $3\frac{5}{16}$ inches of clearance.

2 Using the washers fix the screws to the wall.

3 Hook the telephone line cord to the wall-mounting adaptor and insert the cord as shown.

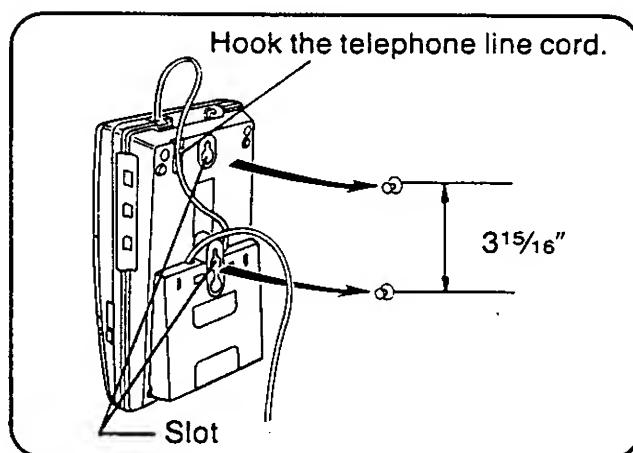


4 Insert the hook of the wall-mounting adaptor into the hole of the unit then place the wall-mounting adaptor by pushing it in the direction of the arrow A, as shown.

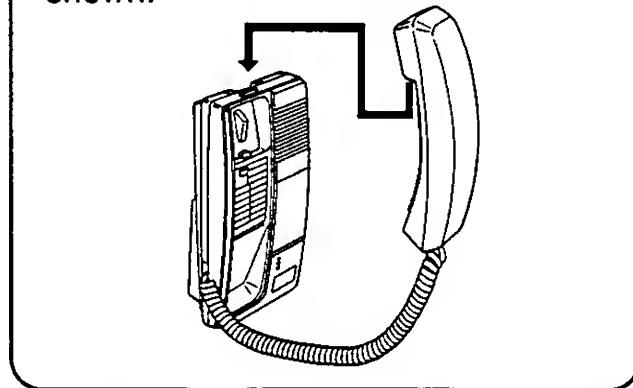


• To remove the adaptor, pull in the direction of the arrow B while pushing the two snap tabs simultaneously in the direction of the arrow C, as shown.

5 Mount the unit on the wall then seat securely by hooking the screw heads into the slots.



To temporarily place the handset down during a conversation, hook as shown.



Tones Heard from the Unit

Samples of OGM

TYPE	WHEN THE TONE SOUNDS
— once	<ul style="list-style-type: none"> • When the unit begins to record an incoming message on the tape. • When the unit responds to the tone from a remote controller. • After the tape has been rewound to the beginning of the part of the ICM tape. • Between messages.
... 3 times	After the unit has played back all the recorded messages.
— — — 10 sec. 3 times twice	When the unit is ready to record a marker message on the tape.
----- 6 times	<ul style="list-style-type: none"> • When the tape has reached the end. • When the tape is broken or not inserted.
----- 6 times quickly	When the OGM recording is paused for over 2 seconds.

Home

Hello, this is (Smith residence). We cannot answer your call at this time. If you leave your name and phone number, we will return your call as soon as possible. You have up two and a half minutes to leave your message. Leave your message after the short beep tones. Thank you for calling, here come the tones.

If the beep sounds 6 times, your message will not be recorded. Should this happen please call back tomorrow.

Note:

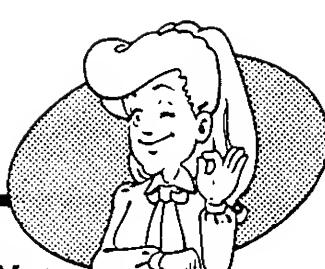
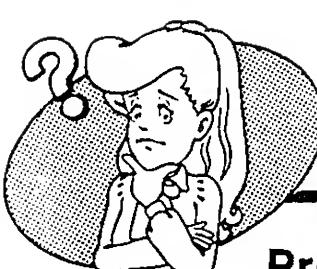
When the ICM tape is full, the unit cannot record any more messages. This is indicated to the caller by 6 beep tones. Please record the bold-faced sentence surely on the OGM tape.

Doctor

This is Doctor ABC's office. The doctor is on vacation until August tenth. In his absence, his calls are being handled by Doctor Smith, who can be reached at 123-4567. That number again is 123-4567.

Thank you for calling.

Troubleshooting Guide



Problem

Cause & Remedy

The unit does not work when I push any buttons.

- Plug in the AC adaptor again.
- Push the Answer System On/Off Switch on.

The unit has been set to the answer mode, but no incoming message is recorded.

- The cassette is broken (cut, worn out or twisted) or not inserted. Replace the cassette with a new one.
- The OGM is recorded improperly. Record a new OGM.

The unit does not function as an answering machine. However, a beep sounds 6 times and the call indicator flashes on and off quickly.

The cassette might be broken. Replace it with a new one.

While recording an outgoing message, a beep sounds 6 times.

Re-record your outgoing message. Speak clearly, loudly and directly to the microphone, and do not pause for over 2 seconds while recording.

When the tape is played back, the sound level is low, even if the Volume Control is turned up.

Clean the heads. (See "Maintenance" on page 18.)

I have played back all the recorded messages and I want to record the next phone call after the last recorded message.

- Save all the recorded messages by using the "Save Messages" operation, on page 11.
- In case of remote operation, just hang up.

I push the button of a remote controller, but the unit does not respond.

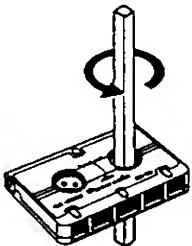
- Make sure that you are using your own code number.
- Record the outgoing message in a quiet place.

The unit does not ring.

Ringer Volume Selector is set to "OFF". Set to "HIGH" or "LOW".

Cassette Tape

- For optimum sound quality and performance, we recommend you to use side 2 after six months and to replace the tape every year and to re-record the outgoing message every three months supposing that the unit answers about ten calls a day.
- Never place a cassette tape near a magnetic source, such as a magnet or a TV set, because it may erase the tape.
- Insert the cassette tape into the machine with the tape in front of the capstan as shown below.
- Slack in the tape can be tightened by rotating the tape reel with a pencil, as shown:



Others

- If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, return your unit to your supplier for repair. If the known working phone does not operate properly, consult with a telephone company.
- Do not use benzine, thinner, or similar solvents. Do not use abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps, motors and television. These noise sources can interfere with the performance of the EASA-PHONE.
- This unit and the cassette tapes should be kept free of dust, moisture, high temperature and vibration, and should not be exposed to direct sunlight.
- Never attempt to insert wires, pins, etc. into the vents or other holes of this unit.

Maintenance

Because the head and capstan assemblies are in contact with the tape, dirt and residue from the tape can easily adhere to these parts, causing distortion. These parts should be cleaned periodically in the manner described below.

- Clean the head surfaces, pinch roller and capstan with a cotton swab. If these surfaces are extremely dirty, dampen the cotton swab with alcohol.

Notes:

- Do not bring magnetic or metal objects, such as a screwdriver, near the head assemblies, as such objects could magnetize the heads.

- Do not oil any part of the unit.

